

17. The method of claim 16, further including the steps of:

j) transforming the masked field to determine if a second match is found;

5 l) when the second match is found, determining a second behavioral set and repeating the process.

18. The method of claim 14, further including the steps of:

10 d) when the behavioral set is a test set, determining a score with the match;

e) comparing the score to a previous score;

f) when a previous score is lower than the score, examining an test association.

15 19. The method of claim 18, wherein step (f) includes the step of pushing the test association onto an association stack.

20. The method of claim 18, further including the step of:

20 g) when a previous score is not lower than the score, ignoring the test association.

21. The method of claim 14, further including the step of:

d) when the behavioral set is an exclusion set, removing a present association from an association stack.

5

22. The method of claim 14, further including the step of:

d) when the behavioral set is a continuation set, a related association is returned and processing continues.

10

23. The method of claim 14, further including the step of:

d) when the behavioral set is a stack set, continuing a search in an associative match memory for a duplicate.

15

24. A method of behavioral operation of a data document comprising the steps of:

20

- a) matching a pattern of data;
- b) determining a behavior set associated with the pattern; and
- c) performing an action indicated by the behavioral set.

0997366-10104
T02T0T 992460

25. The method of claim 24, wherein step (a) further includes the steps of:

- a1) determining an icon for the pattern;
- 5 a2) performing an associative lookup using the icon to determine if a match exists.

26. The method of claim 24, wherein step (c) further includes the steps of:

10

- c1) storing an association;
- c2) acquiring an information using the association.

27. The method of claim 24, wherein step (c) further includes the steps of:

15

- c1) determining a new field of data to be examined.

0997266-101201
TOP SECRET 9924660